

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use several sheets if necessary)

(37 CFR 1.98(b))

ATTY. DOCKET NO.
99-1043-US

SERIAL NO.
09/786, 442

APPLICANT
Tsuneo TAKAHASHI et al.

FILING DATE
March 5, 2001

GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
PL	AA	5,508,384	04/96	MURPHY et al.			

OTHER DOCUMENTS (including Author, Title, Date, Relevant Pages, Place of Publication)

	AB	SORNASSE et al., "Antigen-pulsed Dendritic Cells Can Efficiently Induce an Antibody Response In Vivo", J. Exp. Med., Vol. 175, 1992, pp. 15-21.	✓
	AC	MEHTA-DAMANI et al., "Generation of Antigen-Specific CD8+ CTLs for Naive Precursors", J. Immunol., Vol. 153, 1994, pp. 996-1003.	✓
	AD	BARCLAY et al., "Leucocyte Antigen Facts Book", Academic Press Inc., 1993, pp. 38-87.	✓
	AE	Hisashi IIZASA and Kouji MATSUSHIMA, "Rinsho Men-eki (Clinical Immunology)", Vol. 28, 1996, pp. 731-737.	✓
	AF	HOWARD et al., "Chemokines: progress toward identifying molecular targets for therapeutic agents", TIBTECH, Vol. 14, 1996, pp. 46-51.	✓
	AG	POWER et al., "Cloning and characterization of human chemokine receptors", Trends Pharmacol. Sci., Vol. 17, 1996, pp. 209-213.	✓
	AH	MARLEAU et al., "Human RANTES Acts as a Receptor Antagonist for Guinea Pig Eotaxin In Vitro and In Vivo", J. Immunol., Vol. 157, 1996, pp. 4141-4146.	✓
	AI	CHOE et al., "The β -Chemokine Receptors CCR3 and CCR5 Facilitate Infection by Primary HIV-1 Isolates", Nature, Vol. 381, 1996, pp. 1135-1148.	✓ DEC 1 1996 RECEIVED
	AJ	BLEUL et al., "The lymphocyte chemoattractant SDF-1 is a ligand for LESTR/fusin and blocks HIV-1 entry", Nature, Vol. 382, 1996, pp. 829-833.	✓ DEC 1 1996 RECEIVED
	AK	PREMACK et al., "Chemokine receptors: Gateways to inflammation and infection", Nature Med., Vol. 2, No. 11, 1996, pp. 1174-1178.	✓
	AL	LOETSCHER et al., "Chemokine Receptor Specific for IP10 and Mig: Structure, Function, and Expression in Activated T-Lymphocytes", J. Exp. Med., Vol. 184, 1996, pp. 963-969.	✓

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	AM	SAMSON et al., "ChemR23, a putative chemoattractant receptor, is expressed in monocyte-derived dendritic cells and macrophages and is a coreceptor for SIV and some primary HIV-1 strains", Eur. J. Immunol., Vol. 28, 1998, pp. 1689-1700.					
	AN	LOETSCHER et al., "CCR5 is characteristic of Th1 lymphocytes", Vol. 391, 1998, pp. 344-345.					
	AO	BONECCHI et al., "Differential Expression of Chemokine Receptors and Chemotactic Responsiveness of Type 1 T Helper Cells (Th1) and Th2s", J. Exp. Med., Vol. 187, No. 1, 1998, pp. 124-134.					
	AP	SMYTH, "Therapy of rheumatoid arthritis", Vol. 51, No. 6, 1972, pp. 31-39.					
	AQ	ARNETT et al., "The American Rheumatism Association 1987 Revised Criteria for the Classification of Rheumatoid Arthritis", Arthritis Rheum., Vol. 31, No. 3, 1988, pp. 315-324.					
	AR	YAMAMAE, "Igaku no ayumi (Progress in Medicine)", Vol. 182, No. 9, 1997, pp. 605-610.					
	AS	LISITSYN et al., "Cloning the Differences Between Two Complex Genomes", Science, Vol. 259, 1993, pp. 946-951.					
	AT	ROMANI et al., "Proliferating Dendritic Cell Progenitors in Human Blood", J. Exp. Med., Vol. 180, 1994, pp. 83-93.					
	AU	TALMOR et al., Eur. J. Immunol., Vol. 28, 1998, pp. 811-817.					
	AV	MORSE et al., "Generation of Dendritic Cells in Vitro From Peripheral Blood Mononuclear Cells with Granulocyte-Macrophage-Colony-Stimulating Factor, Interleukin-4, and Tumor Necrosis Factor- α for Use in Cancer Immunotherapy", Ann Surg., Vol. 226, 1997, pp. 6-16.					
	AW	KROLL et al., "Functional expression of a human C5a receptor clone in Xenopus oocytes requires additional RNA", FEBS Lett., Vol. 291, 1991, pp. 208-210.					

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<i>M</i>	AX	KYTE et al., "A Simple Method for Displaying the Hydrophobic Character of a Protein", J. Mol. Bio., Vol. 157, 1982, pp. 105-132.	<i>OPPE</i> JUN 15 2001 PATENT & TRADEMARK OFFICE	<i>DAY</i>			
<i>Z</i>	AY	CRASS et al., "Expression cloning of the human C3a anaphylatoxin receptor (C3aR) from differentiated U-937 cells", Eur. J. Immunol., Vol. 26, 1996, pp. 1944-1950.					
	Z	BOULAY et al., "Synthesis and Use of a Novel N-formyl Peptide Derivative to Isolate a Human N-Formyl Peptide Receptor cDNA", Biochem. Biophys. Res. Commun., Vol. 168, No. 3, 1990, pp. 1103-1109.					
	BA	COMBADIÈRE et al., "Cloning and Functional Expression of a Human Eosinophil CC Chemokine Receptor", J. Biol. Chem., Vol. 270, No. 27, 1995, pp. 16491-16494.					
	BB	COLLINS et al., "Cosmids" A type of plasmid gene-cloning vector that is packageable in vitro in bacteriophage λ heads", Proc. Natl. Acad. Sci., Vol. 75, No. 9, 1978, pp. 4242-4246.					
	BC	SAMSON et al., "Molecular Cloning and Functional Expression of a New Human CC-Chemokine Receptor Gene", Biochemistry, Vol. 35, 1996, pp. 3362-3367.					
	BD	Kenichi KASAI, "Tanjakushitsut, Kakusan, Kouso (Protein, Nucleic Acid and Enzyme)", Vol. 37, 1992, pp. 2977-2984.					
	BE	WHYTE et al., "Impairment of Function in Aging Neutrophils is Associated with Apoptosis", J. Immunol., Vol. 150, No. 11, 1993, pp. 5124-5134.					
	BF	WATSON et al., "Neutrophil Apoptosis Is Modulated by Endothelial Transmigration and Adhesion Molecules Engagement", J. Immunol., Vol. 158, 1997, pp. 945-953.					
	BG	GRAY et al., "CD97 is a Processed, Seven-Transmembrane, Heterodimeric Receptor Associated with Inflammation", J. Immunol., Vol. 157, 1996, pp. 5438-5447.					

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<i>M</i>	BH	ALVAREZ et al., "Molecular evolution of the N-formyl peptide and C5a receptors in non-human primates", Immuno-genetics, Vol. 44, 1996, pp. 446-452.
O P E R A T I O N JUN 05 2001 P A T E N T & T R A D E M A R K O F F I C E	BI	BOULAY et al., "Expression Cloning of a Receptor for C5a Anaphylatoxin on Differentiated HL-60 Cells", Biochemistry, Vol. 30, 1991, pp. 2993-2999.
	BJ	PERRET et al., "Cloning and functional expression of the canine anaphylatoxin C5a receptor", Biochem. J., Vol. 288, 1992, pp. 911-917.
	BK	GERARD et al., "The chemotactic receptor for human C5a anaphylatoxin", Nature, Vol. 349, 1991, pp. 614-617.
	BL	OHNO et al., "A putative chemoattractant receptor, C5L2, is expressed in granulocyte and immature dendritic cells, but not in mature dendritic cells", Molecular Immunology, Vol. 37, 2000, pp. 407-412.

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Russell

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